Project Title	Funding	Strategic Plan Objective	Institution
Enabling use of blood spot cards for accurate high throughput Fragile X screening	$1,142,346	Q1.S.A	Asuragen, Inc.
Serum antibody biomarkers for ASD	$0	Q1.L.A	University of Texas Southwestern Medical Center
Identification of candidate serum antibody biomarkers for ASD	$112,032	Q1.L.B	University of Texas Southwestern Medical Center
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	$147,531	Q1.L.B	University of Texas San Antonio
TMLHE deficiency and a carnitine hypothesis for autism	$60,000	Q2.S.D	Baylor College of Medicine
Mouse Model of Dup15q Syndrome	$84,253	Q2.S.D	Texas AgriLife Research
Mechanisms of mGluR5 function and dysfunction in mouse autism models	$393,841	Q2.S.D	University of Texas Southwestern Medical Center
Role of MEF2 and neural activity in cortical synaptic weakening and elimination	$415,385	Q2.S.D	University of Texas Southwestern Medical Center
Motor cortex plasticity in MeCP2 duplication syndrome	$125,000	Q2.S.D	Baylor College of Medicine
Investigation of protocadherin-10 in MEF2- and FMRP-mediated synapse elimination	$55,670	Q2.S.D	University of Texas Southwestern Medical Center
Mechanisms of synapse elimination by autism-linked genes	$240,115	Q2.S.D	University of Texas Southwestern Medical Center
Mutations associated with carnitine deficiency: risk factor for regression in ASD	$78,650	Q2.S.F	Baylor College of Medicine
High throughput sequencing of autism spectrum disorder (ASD) endophenotypes	$39,432	Q2.S.G	Baylor College of Medicine
Simons Variation in Individuals Project (VIP) Site	$316,306	Q2.S.G	Baylor College of Medicine
Genetic studies of autism-related Drosophila neurexin and neuroligin	$175,802	Q2.Other	University of Texas Health Science Center, San Antonio
Motor control and cerebellar maturation in autism	$157,148	Q2.Other	University of Texas Southwestern Medical Center
Hippocampal mechanisms of social learning in animal models of autism	$62,500	Q2.Other	Baylor College of Medicine
Multisensory processing in autism	$0	Q2.Other	Baylor College of Medicine
The role of the new mTOR complex, mTORC2, in autism spectrum disorders	$0	Q2.Other	Baylor College of Medicine
Environmental exposures measured in deciduous teeth as potential biomarkers for autism risk	$0	Q3.S.B	University of Texas Health Science Center at San Antonio
Epidemiological research on autism in Jamaica - Phase II	$607,366	Q3.S.H	University of Texas Health Science Center at Houston
Human neurobehavioral phenotypes associates with the extended PWS/AS domain	$587,398	Q3.S.J	Baylor College of Medicine
Simons Simplex Collection support grant	$26,824	Q3.L.B	Baylor College of Medicine
FOXP2-regulated signaling pathways critical for higher cognitive functions	$291,826	Q3.Other	University of Texas Southwestern Medical Center
Novel therapeutic targets to treat social behavior deficits in autism and related disorders	$0	Q4.S.B	University of Texas Health Science Center at San Antonio

Project Title	Funding	Strategic Plan Objective	Institution
Preclinical therapeutic target validation of glutamate receptors in Shank3 models of autism	$58,900	Q4.S.B	University of Texas Southwestern Medical Center
Preclinical Autism Consortium for Therapeutics (PACT) at Baylor College of Medicine	$98,351	Q4.S.B	Baylor College of Medicine
Neuroligin function in vivo: Implications for autism and mental retardation	$373,032	Q4.S.B	University of Texas Southwestern Medical Center
Animal model of speech sound processing in autism	$239,188	Q4.S.B	University of Texas at Dallas
Novel genetic models of autism	$415,328	Q4.S.B	University of Texas Southwestern Medical Center
Rat knockout models of ASD	$0	Q4.S.B	Baylor College of Medicine
Integrative system biology of iPSC-induced neurons for identifying novel drug targets	$56,900	Q4.S.B	Baylor College of Medicine
Striatal synaptic abnormalities in models of autism	$381,600	Q4.S.B	University of Texas Southwestern Medical Center
Temporally controlled genetic rescue of Shank3 autism model	$60,000	Q4.S.B	University of Texas Southwestern Medical Center
Trial of carnitine therapy in TMLHE deficiency and non-dysmorphic autism	$330,439	Q4.S.C	Baylor College of Medicine
Using lag schedules of reinforcement to teach play skills to children with autism spectrum disorders	$9,278	Q4.L.D	Texas State University
Increasing variability of verbal initiations through the responses of conversation patterns	$2,449	Q4.Other	Texas Christian University
Project DART: Distance Education for Autism Personnel in Rural Texas	$0	Q5.L.A	University of North Texas
Graduate preparation for transition and instructional leadership for services to students with low incidence disabilities: Emphasis on academic and social success in LRE through implementation of evidence-based practices and instructional programming	$0	Q5.Other	University of North Texas
Reach to Teach: Serving infants, toddlers, and young children with autism spectrum disorders and developmental disabilities	$297,849	Q5.Other	University of Texas of the Permian Basin
Project CHANGE (Children with Autsim Need a Great Education)	$0	Q5.Other	University of Texas at El Paso
Project SASI: Students with Autism & Sensory Impairments - Addressing the personnel shortages of rural, remote and high-need areas	$249,999	Q5.Other	Texas Tech University
Project STArT: Systematic Training of Autism Teachers	$249,121	Q5.Other	University of North Texas
Texas Educators for Students with Autism (TESA)	$0	Q5.Other	Texas State University-San Marcos
Project STARS: Systematic Training for Autism Researchers and School Personnel	$0	Q7.K	University of North Texas
Preparation of leaders across the lifespan for autism	$250,000	Q7.K	Texas A&M University
Autism Treatment Network (ATN) 2011- BCM/TCH	$25,000	Q7.N	Baylor College of Medicine

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NMR/cyro-mMR Machine	$125,000	Q7.P	Texas Children's Hospital